

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A chemical strengthening treatment method of a magnetic disk glass substrate, used in an information recording medium for a HDD, wherein a chemical strengthening salt is introduced into a treatment vessel and is melted to obtain a molten chemical strengthening salt and a glass disk is brought into contact with said molten chemical strengthening salt so as to be chemically strengthened, said method comprising:

selecting pressing powder into a granular chemical strengthening salt which has a grain size between 1 mm and 10mm;

introducing the granular chemical strengthening salt into the treatment vessel with scattering of the granular chemical strengthening salt being prevented, and

melting the granular chemical strengthening salt into a molten chemical strengthening salt with which the substrate is contacted so as to obtain a chemically strengthened magnetic disk glass substrate.

2. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 1, wherein the selecting comprises:

shaping powder of a chemical strengthening salt material into grains to provide the granular chemical strengthening salt.

3. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 1, wherein said glass disk is made of aluminosilicate glass.

4. (previously presented): A method of manufacturing a chemically strengthened magnetic disk glass substrate, comprising:

carrying out a chemical strengthening treatment by the chemical strengthening treatment method according to claim 1.

5. (previously presented): A method of manufacturing a magnetic disk, comprising:
forming at least a magnetic layer on the glass substrate obtained by the method

according to claim 4.

6. (previously presented): A method of manufacturing a chemically strengthened magnetic disk glass substrate, according to claim 4, comprising:

shaping powder of a chemical strengthening salt into grains so as to obtain the granular chemical strengthening salt.

7. (previously presented): A method of manufacturing a chemically strengthened magnetic disk glass substrate, according to claim 6, comprising:

chemically strengthening the magnetic disk of the aluminosilicate glass.

8. (previously presented): A method of manufacturing a magnetic disk, comprising:

forming at least a magnetic layer on the glass substrate obtained by the method according to claim 6.

9. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 2, wherein said glass disk is made of aluminosilicate glass.

10. (previously presented): A method of manufacturing a magnetic disk, comprising:

forming at least a magnetic layer on the glass obtained by the method according to claim 7.

11. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 1, wherein the granular chemical strengthening salt is formed of grains which have a weight between 5mg and 15g.

12. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 1, wherein the chemically treated substrate has a surface with Rmax of approximately 4.6nm and Ra of approximately 0.45nm.

13. (previously presented): A chemical strengthening treatment method of a magnetic disk glass substrate, according to claim 1, wherein the chemically treated substrate has a surface with Rmax of 4.6nm or less and Ra of 0.45nm or less.